

**TRUE COPY**

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared at Indianapolis, Indiana 46268, United States of America.

Signed this 21st day of August, 2003

  
Michele Lyons

**NOTARIAL CERTIFICATE**

UNITED STATES OF AMERICA )  
STATE OF INDIANA            } SS  
County/Parish of Marion    )

On this 31st day of August, 2003 personally appeared before me,

Michele Lyons

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.





**MARCI A. JANSEN**

**SEAL**

Notary Public, State of Indiana

Resident of Marion County

My Commission Expires August 27, 2006



RECEIVED

MAR 25 2002

PTAS

DOW AGROSCIENCES LLC  
KENNETH L. LOERTSCHER  
9330 ZIONSVILLE ROAD  
INDIANAPOLIS, INDIANA 46268

Chief Information Officer  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)



\*101959155A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/14/2002

REEL/FRAME: 012489/0513

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
RICKS, MICHAEL J. DOC DATE: 08/04/2000

ASSIGNEE:  
DENT, WILLIAM H., III DOC DATE: 08/04/2000

ASSIGNEE:  
ROGERS, RICHARD B. DOC DATE: 08/04/2000

ASSIGNEE:  
YAO, CHENGLIN DOC DATE: 08/04/2000

ASSIGNEE:  
NADER, BASSAM S. DOC DATE: 08/04/2000

ASSIGNEE:  
MIESSEL, JOHN L. DOC DATE: 08/04/2000

ASSIGNEE:  
FITZPATRICK, GINA M. DOC DATE: 08/04/2000

ASSIGNOR:	MAYER, KEVIN G.	DOC DATE: 08/04/2000
ASSIGNOR:	NIYAZ, NOORMOHAMED M.	DOC DATE: 08/04/2000
ASSIGNOR:	MORRISON, IRENE M.	DOC DATE: 08/04/2000
ASSIGNOR:	HENRY, MATTHEW J.	DOC DATE: 08/04/2000
ASSIGNOR:	ADAMSKI BUTZ, JENIFER L.	DOC DATE: 08/04/2000
ASSIGNOR:	GAJEWSKI, ROBERT P.	DOC DATE: 08/04/2000
ASSIGNEE:	DOW AGROSCIENCES LLC 9330 ZIONSVILLE ROAD INDIANAPOLIS, INDIANA 46268	
SERIAL NUMBER:	60144646	FILING DATE: 07/20/1999
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER:	60149977	FILING DATE: 08/20/1999
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER:	60150248	FILING DATE: 08/23/1999
PATENT NUMBER:		ISSUE DATE:
SERIAL NUMBER:	09620662	FILING DATE: 07/20/2000
PATENT NUMBER:	5064277.	ISSUE DATE:
SERIAL NUMBER:	09632930	FILING DATE: 08/04/2000
PATENT NUMBER:	6355660	ISSUE DATE: 03/12/2002

ALLYSON PURNELL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

01-25-2002



101959155  
RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-1595  
1-31-92

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael J. Ricks  
William H. Dent III  
Richard B. Rogers  
Chenglin Yao  
Bassam S. Nader  
John L. Miesel  
Gina M. Fitzpatrick  
Kevin G. Meyer  
Noormohamed M. Niyaz  
Irene M. Morrison  
Matthew J. Henry  
Jenifer L. Adamski Butz  
Robert P. Gajewski

1-14-02

2. Name and address of receiving party(ies):

Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, Indiana 46268  
United States of America

Additional name(s) of conveying party(ies) attached:

Additional name(s) & address(es) attached:

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other:

JAN 14 2002

Execution Date(s): August 4, 2000

4. Application number(s) or patent number(s): 60/144,646 filed July 20, 1999; 60/149,977 filed August 20, 1999;  
60/150,248 filed August 23, 1999; 09/620,662 filed July 20, 2000; 09/632,930 filed August 4, 2000.  
If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s):

Additional Application Number(s) or Patent Number(s) are attached.

Title of Application: Fungicidal Heterocyclic Aromatic Amides and Their Compositions, Methods of Use and Preparation.

5. Name and address of party to whom correspondence concerning document should be mailed:

Kenneth L. Loertscher  
Dow AgroSciences LLC  
9330 Zionsville Road  
Indianapolis, IN 46268

6. Total number of applications and patents involved: 5

7. Total fee (37 CFR 3.41): ..... \$ 200.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 04-1529 \*If this estimate is incorrect, please debit or credit our account accordingly.

**DO NOT USE THIS SPACE**

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Carl D. Corvin, 34,569  
Name of Person Signing

Carl Corvin  
Signature

2001.12.13

Date

Total number of pages including cover sheet, attachments, and document: 10

50,736

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (with Priority Rights)

I verify believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

## FUNGICIDAL HETEROCYCLIC AROMATIC AMIDES AND THEIR COMPOSITIONS, METHODS OF USE AND PREPARATION

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our names(s). I/We acknowledge that I/we hold the invention and all patents and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers.

As trustee(s), and for good and valuable consideration and/or the remuneration received for my work, I/we sell, assign and transfer unto:

**Dow AgroSciences LLC**  
9330 Zionsville Road  
Indianapolis, Indiana 46268  
United States of America

a general partnership organized and existing under the laws of the State of Indiana, U.S.A. (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications for Letter Patent in its own name, or in the name of its designee (or nominee(s)), and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all International Conventions(s) and Treaties in the name of Assignee, and all rights in and to any Letters Patent that may be issued for the invention in any and all countries.

I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for my and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

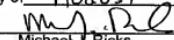
I/we do hereby authorize Assignee or its designee to insert here the application number, filing date, and country for the first patent application filed on the invention:  
Application No. 60/144,646 \_\_\_\_\_ Filing Date July 20, 1999  
in country United States of America \_\_\_\_\_

To facilitate recordal of this assignment in connection with other patent applications on the invention, I/we do hereby authorize Assignee or its designee to insert here the application number, filing date, and country for any such patent application:  
Application No. 60/149,977; 60/150,248; 09/620,662 \_\_\_\_\_ Filing Date August 20, 1999; August 23, 1999; July 20, 2000,  
respectively \_\_\_\_\_ 09/7632,930 \_\_\_\_\_ August 4, 2000  
In country United States of America \_\_\_\_\_

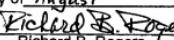
I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee, and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

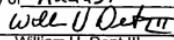
At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of AUGUST 2000

Signature   
Full Name: Michael J. Ricks  
Residence: 8718 Gordionshire Drive  
Indianapolis, Indiana 46278  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

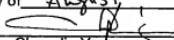
At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature   
Full Name: Richard B. Rogers  
Residence: 1957 Camargue Drive  
Zionsville, Indiana 46077  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of AUGUST 2000

Signature   
Full Name: William H. Dent III  
Residence: 7972 Austrian Pine Drive  
Indianapolis, Indiana 46268  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature   
Full Name: Chenglin Yad  
Residence: 14176 Esprit Drive  
Westfield, Indiana 46074  
Country: United States of America  
Citizenship: China  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

'At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Bassem S. Nader  
Full Name: Bassem S. Nader  
Residence: 12025 Colbarn Drive  
Fishers, Indiana 46038  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Gina M. Fitzpatrick  
Full Name: Gina M. Fitzpatrick  
Residence: 304 West Columbia Lane  
Westfield, Indiana 46074  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Nordin M. Niyaz  
Full Name: Nordin M. Niyaz  
Residence: 14614 Bach Drive, Suite 525  
Carmel, Indiana 46032  
Country: United States of America  
Citizenship: Sri Lanka  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Matthew J. Henry  
Full Name: Matthew J. Henry  
Residence: 6356 Avalon Lane  
Indianapolis, Indiana 46220  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Robert P. Gajewski  
Full Name: Robert P. Gajewski  
Residence: 1501 Friendship Avenue  
Indianapolis, Indiana 46217  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Eli Lilly and Company  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: John L. Miesel  
Full Name: John L. Miesel  
Residence: 8744 North Pennsylvania Street  
Indianapolis, Indiana 46240  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Kevin G. Meyer  
Full Name: Kevin G. Meyer  
Residence: 100 Lexington Court  
Zionsville, Indiana 46077  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Irene M. Morrison  
Full Name: Irene M. Morrison  
Residence: 8224-206 Glenwillow Lane  
Indianapolis, Indiana 46278-2220  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

At Indianapolis, Indiana 46268, U.S.A.  
this 4 day of August 2000

Signature: Jenifer L. Adamski Butz  
Full Name: Jenifer L. Adamski Butz  
Residence: 458 Prentiss Way  
Avon, Indiana 46123  
Country: United States of America  
Citizenship: United States of America  
P.O. Address: Same as Residence  
Employed By: Dow AgroSciences LLC  
Of Country: United States of America

[222 • 222]

FORM 222

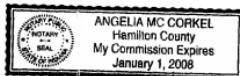
NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

on this 4th day of August 2000, personally appeared before me Michael J. Ricks known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelia McCorkel, Notary Public  
Resident of County  
My Commission Expires



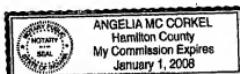
NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

on this 4th day of August 2000, personally appeared before me William H. Dent III known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelie McCorkel, Notary Public  
Resident of County  
My Commission Expires



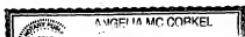
NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

on this 4th day of August 2000 personally appeared before me Richard B. Rogers known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelie McCorkel, Notary Public  
Resident of County  
My Commission Expires



### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

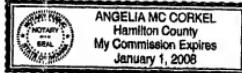
)  
)  
)

on this 4th day of August 2000, personally appeared before me Chenglin Yao known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelia McCorral, Notary Public  
Resident of County

My Commission Expires



### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

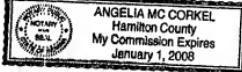
)  
)  
)

on this 4th day of August 2000, personally appeared before me Bassam S. Nader known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelia McCorral, Notary Public  
Resident of County

My Commission Expires



### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

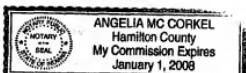
)  
)  
)

on this 4th day of August 2000, personally appeared before me John L. Miesel known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Angelie McCorral, Notary Public  
Resident of County

My Commission Expires



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### NOTARIAL CERTIFICATE (Individual)

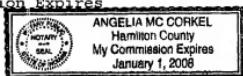
UNITED STATES OF AMERICA )  
STATE OF INDIANA )  
COUNTY/PARISH of MARION )

on this 4th day of August 2009 personally appeared  
before me Gina M. Fitzpatrick

known or identified to me to be the individual described in and who  
executed the foregoing document and acknowledged the same as a free act and  
deed for uses and purposes therein expressed.

SEAL

*Angelia McCorkel*, Notary Public  
Resident of County  
My Commission Expires



### NOTARIAL CERTIFICATE (Individual)

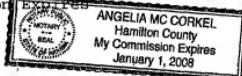
UNITED STATES OF AMERICA )  
STATE OF INDIANA )  
COUNTY/PARISH of MARION )

on this 4th day of August 2009 personally appeared  
before me Kevin G. Meyer

known or identified to me to be the individual described in and who  
executed the foregoing document and acknowledged the same as a free act and  
deed for uses and purposes therein expressed.

SEAL

*Angelie McCorkel*, Notary Public  
Resident of County  
My Commission Expires



### NOTARIAL CERTIFICATE (Individual)

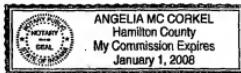
UNITED STATES OF AMERICA )  
STATE OF INDIANA )  
COUNTY/PARISH of MARION )

on this 4th day of August 2009 personally appeared  
before me Noormohamed M. Niyaz

known or identified to me to be the individual described in and who  
executed the foregoing document and acknowledged the same as a free act and  
deed for uses and purposes therein expressed.

SEAL

*Angelie McCorkel*, Notary Public  
Resident of County  
My Commission Expires



**NOTARIAL CERTIFICATE (Individual)**

UNITED STATES OF AMERICA )  
STATE OF INDIANA )  
COUNTY/PARISH of MARION )

on this 4<sup>th</sup> day of August 2000, personally appeared before me Irene M. Morrison known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

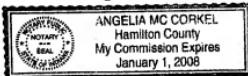
**SEAL.**

Resident of \_\_\_\_\_ Cou \_\_\_\_  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ Cou<sup>.....</sup>  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ Cou \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ Cou \_\_\_\_\_  
My Commission Expires \_\_\_\_\_



### **NOTARIAL CERTIFICATE (Individual)**

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

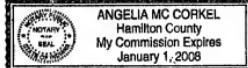
on this 4th day of August 2000, personally appeared before me **Matthew J. Henry** known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free and full act, and for uses and purposes therein expressed.

SEAT

Resident of : County  
My Commission Expires

Resident of : Count :  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ Count \_\_\_\_\_  
My Commission Expires \_\_\_\_\_



## **NOTARIAL CERTIFICATE (Individual)**

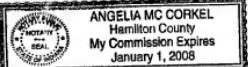
UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

on this 4th day of, August 20<sup>th</sup>, personally appeared before me Jenifer L. Adamski Butz known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

Resident of \_\_\_\_\_, Notary Public  
County \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ Count \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

Resident of \_\_\_\_\_ County  
My Commission Expires \_\_\_\_\_



113-113-113-113-113-113-113-113-113-113-113-113-113-113-113-113-113-113-113-113

### NOTARIAL CERTIFICATE (Individual)

UNITED STATES OF AMERICA  
STATE OF INDIANA  
COUNTY/PARISH of MARION

on this 4th day of August, 2009 personally appeared  
before me Robert P. Gajewski  
known or identified to me to be the individual described in and who  
executed the foregoing document and acknowledged the same as a free act and  
deed for uses and purposes therein expressed.

SEAL

Resident of \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

